

DRDO CEPTAM MTS Syllabus 2020

DRDO CEPTAM MTS Exam Pattern

Type of exam	Subjects	No of Questions	Marks
CBT (Screening) – Tier 1	General Intelligence & Reasoning Ability	35	35
	General Awareness	30	30
	Quantitative Aptitude & Numerical Ability	35	35
CBT (Final Selection) – Tier 2	General Science	40	40
	General Maths	40	40
	General English	20	20
Duration of exam	90 minutes		

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General Intelligence & Reasoning

- **Relationship Concepts**
- **Visual memory**
- **Figure Classification.**
- **Coding-Decoding.**
- **Verbal and Figure Classification.**
- **Logical Sequence of Words.**
- **Analysis**
- **Non-Verbal Series.**
- **Alphabet Series.**
- **Number Ranking.**
- **Problem Solving.**
- **Judgment**
- **Decision making**
- **Analogy.**
- **Arithmetical Computation.**
- **Discriminating observation**
- **Arithmetical Reasoning etc.**
- **Arithmetical Number Series.**
- **Number Series.**

General Awareness

- **Current events.**
- **Books.**
- **Sports and Games.**
- **Science – Inventions & Discoveries.**
- **Indian Constitution.**
- **History.**
- **Books and Authors.**
- **Important Days.**
- **Awards and Honors.**
- **Culture.**
- **Abbreviations.**

- **Geography.**
- **Important Financial & Economic News.**
- **General Politics.**
- **Books and Authors.**
- **Important Days**
- **Current Affairs – National & International.**
- **Economic Science.**

Quantitative Aptitude & Numerical Ability

- **Number System.**
- **Ratio and Proportions.**
- **Time and Distance.**
- **Decimal & Fractions.**
- **Profit and Loss.**
- **Problems on Ages.**
- **Data Interpretation**
- **Percentages.**
- **Average.**
- **HCF & LCM.**
- **Time and Work.**
- **Simple & Compound Interest.**
- **Simplification.**
- **Mixtures & Allegations.**

General Science

- **Genetics**
- **Structure of Plant and Animal Cell.**
- **Classification of Plant Kingdom.**
- **Plant Morphology**
- **Photosynthesis**
- **Plant Hormones**
- **Classification of Organisms.**
- **Cytology**
- **Plant tissue**

- **Plant Diseases**
- **Sexual Reproduction in Flowering Plant.**
- **Mode of Nutrition in Plant.**
- **Control and Coordination in Plant**
- **Asexual Reproduction in Plants.**

General English

- **Subject-Verb Agreement.**
- **Articles.**
- **Fill in the Blanks.**
- **Adverb.**
- **Sentence Rearrangement.**
- **Verb.**
- **Error Correction.**
- **Unseen Passages.**
- **Tenses.**
- **Synonyms.**
- **Grammar.**
- **Idioms & Phrases.**
- **Antonyms**
- **Vocabulary.**
- **Comprehension.**

General Maths

- **Classical Algebra & Analytic Geometry**
- **Calculus & Differential Equations**
- **Vector Algebra & Multivariate Calculus**
- **Numerical Methods & Probability Theory**
- **Differential Equations & Mechanics**